HF Happenings 929

I wonder if he swallowed it!

2021 IOTA Honour Roll and Annual Listing

The last date for sending score updates to checkpoints, both online or by QSL cards, for inclusion in the 2021 Honour Roll and Annual Listings is 31 January 2021. If cards are post-marked after that date, they will be processed in the normal way, but the scores will be held over to the following year's listing. The current disruption to postal services as a result of covert-19 virus suggests that, where cards are to be sent, they should be sent in good time to enable credit to be given. Participants who have not updated since the 2016 annual listings and wish to remain listed should make a submission before 31 January 2021. Furthermore, those who have not logged into their record for more than two years, will need to revalidate their registration through info@iota-world.org. Do not leave it to the last moment as you may run out of time.

The Results of the 6th SARL 95 40 m Club Sprint

40 logs were received for the 6th leg of the SARL 95 40 m Club Contest with 841 QSOs made during the afternoon.

1st the West Rand Club – 1 610 points (27 logs)
2nd Hibiscus ARC – 220 points (5 logs)
3rd PEARS and the Johannesburg ARC – 62 points (1 log for PEARS; 2 logs for JARC)
5th the Bo-Karoo ARC – 54 points (1 log)
6th the Vrystaat ARC – 42 points (1 log)
7th the Sandton ARC – 26 points (1 log)
8th the Pretoria ARC – 24 points (1 log)
9th the Northern Cape ARC – 14 points (1 log)

After 6 legs
1st the West Rand ARC – 7 000 points
2nd the Bo-Karoo ARC – 1 402 points
3rd the Hibiscus ARC – 1 018 points
4th the Boland   ARC - 754 points
5th PEARS - 440 points
6th the Magalies ARC - 414 points
7th Vrystaat ARC - 204 points
8th Noordkaap   ARC 160 points
9th Highway ARC - 126 points
10th Durban ARC - 80 points
11th Centurion   ARC - 68 points
12th Johannesburg ARC - 62 points
13th Rustenburg ARC and Sandton ARC – 54 points
15th Midlands ARC - 36 points
16th Pretoria ARC - 32 points

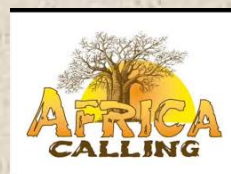The individual scores will be posted in HF Happenings 930.

LOTW Quick Start Guides

The "New User Guide" and "Quick Start Guides - Submitting QSOs to LoTW" (from Windows, MacOS and OS X, Linux) are available from www.arrl.org/quick-start and www.arrl.org/logbook-of-the-world.

"There are a lot of updates that are still needed to Logbook Help", Greg Widin, K0GW (ARRL Logbook of The World Committee, Chair) says. "However, the Guides are likely to attract the attention and use of exactly those who can most benefit from them".

African DX

Contacts with stations on the African continent count towards the SARL's All Africa Award (www.sarl.org.za/public/awards/awards.asp)

Mauritania, 5T. Tom, DL7BO is now active as 5T7OO from Mauritania for 10 days (10 to 20 December). He arrived in Nouakchott on 9 December, however his luggage and an antenna mast did not arrive which delayed his operation by one day. Activity is expected to be on 40 - 10 metres, possibly 160 - 80 later, using CW, SSB, RTTY and FT8. As this was being written, Tom was active on 40, 17 and 15 metres FT8. QSL via DJ6TF, direct or by the Bureau. The log will be uploaded to LoTW and possibly ClubLog later.

Kenya, 5Z4. Cato, LA9PF will once again be active as 5Z4/LA9PF from Malindi for 2 - 3 months, sometime between January and May, and possibly between October and December. Activity is mainly on SSB and the digital modes, with some CW. His equipment in Kenya is an IC-7200 with a 300 watt PA, with either a 3 element beam at 9 metres or vertical loop, or horizontal 70 m no-resonant loop. He states, "Give me a shout on Skype for a sked at: LA9PF-cato. QSL only direct to Cato B. De Savigny, POB 5642 Malindi, 80200 Malindi, Kenya.

South Sudan, Z8. Diya, YI1DZ is expected to return to Juba after his holiday on 16 December and continues to be active as Z81D after the inspection at his workplaces (under the UN-WFP) and antennas. He should reappear on the bands before the end of this year. Activity will be on 80 - 10 metres (including 60 m) using SSB and FT8. No CW. If the space conditions allow it, Diya will make a 160 m antenna. QSL via OM3JW. All QSOs will be uploaded to QRZ.com, ClubLog, eQSL and LoTW.

African Islands

Senegal, 6W. The 18 to 20 December 6V1A operation from Goree Island (AF-045) has been postponed to a later date TBA owing to the Covert-19 pandemic.
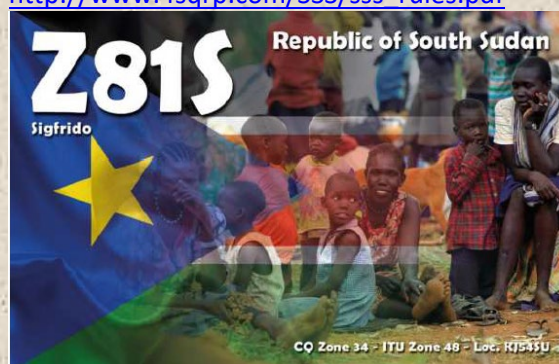
Contest Calendar

This week's contests as compiled by Bruce Horn, WA7BNM. The period covered is 14 to 21 December 2020
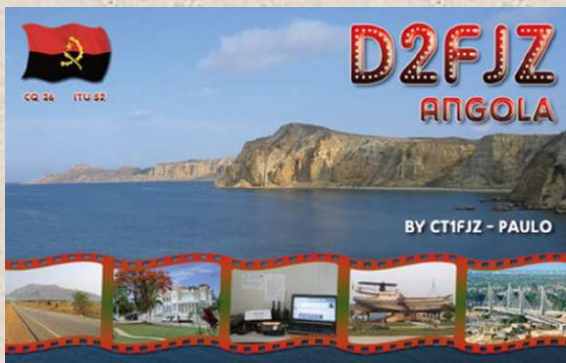
K1USN Slow Speed Test
00:00 - 01:00 UTC 14 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Maximum 20 wpm - Name and state, province or country
Work stations: Once per band
QSO Points: 10 points per QSO with same country; 20 points per QSO with different country, same continent; 30 points per QSO with different country, different continent
Multipliers: Each state/province/country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 9 16 December 2020
Post log summary at: http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.k1usn.com/sst.html

4 States QRP Group Second Sunday Sprint
01:00 - 03:00 UTC 14 December
Geographic Focus: North America
Participation: Worldwide
Mode: CW, SSB
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op
Exchange: Member: RS(T), state, province or country and member no Non-member: RS(T), state, province or country and power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 2 points per QSO with member
Multipliers: (none)

Score Calculation: Total score = total QSO points
Submit logs by: 16 December 2020
E-mail logs to: (none)
Post log summary at: http://qrpcontest.com/4sqrp
Mail logs to: (none)
Find rules at: http://www.4sqrp.com/SSS/sss_rules.pdf

OK1WC Memorial (MWC)
16:30 - 17:29 UTC 14 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40 m
Classes: Single Op All Band - QRP or low; Single Op Single Band - QRP or low
Max power: LP: 100 watts; QRP: 5 watts
Exchange: RST and serial no
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each last character of worked station call suffix once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 06:00 UTC 18 December 2020
E-mail logs to: (none)
Upload log at: https://memorial-ok1wc.cz/index.php?page=logs
Mail logs to: (none)
Find rules at: https://memorial-ok1wc.cz/index.php?page=rules2l

By CT1FJZ - PAULO

Worldwide Sideband Activity Contest
01:00 - 01:59 UTC 15 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: Single Op - QRP, low or high
Overlay: Youth (26 years old or younger);
Youth YL (female 26 years old or younger); YL
(female older than 26 years
Max power: HP: 1 500 watts; LP: 100 watts;
QRP: 5 watts
Exchange: RS and age group (OM, YL, Youth YL
or Youth)
Work stations: Once per band
QSO Points: 1 point per QSO with OM; 5 points
per QSO with YL; 10 points per QSO with
Youth; 15 points per QSO with Youth YL
Multipliers: Each DXCC once per band
Score Calculation: Total score = total QSO
points x total mults
Submit logs by: 01:59 UTC 16 December 2020
E-mail logs to: (none)
Upload log at: https://logs.wwsac.com/
Mail logs to: (none)
Find rules at: https://wwsac.com/rules.html

RTTYOPS Week Sprint
17:00 - 19:00 UTC 15 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20 m
Classes: Single Op
Max operating hours: 2 hours
Exchange: other station's call, your call, serial
no., your name]
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: (none)

Score Calculation: Total score = total QSO
points
Submit logs by: 23:59 UTC 22 December 2020
E-mail logs to: rtty-week-
tuesday@nrrlcontest.no
Mail logs to: (none)
Find rules at:
https://rttyops.wordpress.com/rtty-mini-
contests/rttyops-Week Sprint/

NAQCC CW Sprint: 0130Z-03:30 UTC 16
December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: (none)
Max power: 1 watt
Exchange: RST and state, province or country
and (NAQCC No./power)
Work stations: Once per band
QSO Points: 1 point per QSO with non-member
2 points per QSO with member
Multipliers: Each state, province, or country
once
Key Type Mult: 2x if straight key, 1.5x if bug, 1x
if other
Score Calculation: Total score = total QSO
points x total mults x key type mult
Submit logs by: 23:59 UTC December 20, 2020
E-mail logs to: naqcc33@windstream.net
jcoreyc@gmail.com
Upload log at:
http://naqcc.info/sprint_submit_log.html
Mail logs to: (none)
Find rules at:
http://naqcc.info/sprint/sprint201912mw.html

QRP Fox Hunt: 02:00 - 03:30 UTC 16 December
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 40 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST and state, province or country
and name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO
points

Submit logs by: 03:30 UTC December 17, 2020
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/winter_rules.htm

Phone Fray: 02:30 - 03:00 UTC 16 December
Geographic Focus: North America
Participation: Worldwide
Mode: SSB
Bands: 160, 80, 40, 20, 15m
Classes: Single Op
Max power: 100 watts
Exchange: NA: Name and state, province or country
non-NA: Name
Work stations: Once per band
QSO Points: NA station: 1 point per QSO
non-NA station: 1 point per QSO with an NA station
Multipliers: Each US state (including KH6/KL7) once per band
Each VE province/territory once per band
Each North American country (except W/VE) once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 03:00 UTC December 18, 2020
E-mail logs to: (none)
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at:
http://www.perluma.com/Phone_Fray_Contest_Rules.pdf

CWops Mini-CWT Test: 13:00 - 14:00 UTC and 19:00 - 2000 UTC 16 December and 03:00 - 04:00 UTC 17 December
Geographic Focus: Worldwide
Participation: Worldwide
Awards: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts
LP: 100 watts
QRP: 5 watts
Exchange: Member: Name and Member No./"CWA"

non-Member: Name and state, province or country
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each call once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 04:00 UTC December 19, 2020
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at: https://cwops.org/cwops-tests/

RTTYOPS Week Sprint: 17:00 - 19:00 UTC 17 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20 m
Classes: Single Op
Max operating hours: 2 hours
Exchange: other station's call, your call, serial no and your name
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 23:59 UTC December 24, 2020
E-mail logs to: rtty-week-thursday@nrrlcontest.no
Mail logs to: (none)
Find rules at:
https://rttyops.wordpress.com/rtty-mini-contests/rttyops-Week Sprint/

NCCC RTTY Sprint
01:45 - 02:15 UTC 18 December
Geographic Focus: North America
Participation: Worldwide
Mode: RTTY
Bands: (see rules)

Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 20 December 2020
E-mail logs to: (none)
Post log summary at:
http://www.3830scores.com/
Mail logs to: (none)
Find rules at:
http://www.ncccsprint.com/rttyns.html

QRP Fox Hunt
02:00 - 03:30 UTC 18 December
Geographic Focus: United States
Participation: Worldwide
Mode: CW
Bands: 80 m Only
Classes: Single Op - fox or hound
Max power: 5 watts
Exchange: RST, state, province or country, name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 03:30 UTC 19 December 2020
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxhunt.org/winter_rules.htm

NCCC Sprint
02:30 - 03:00 UTC 18 December
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: (see rules)
Classes: (none)
Exchange: Serial no, name and QTH
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 20 December 2020

E-mail logs to: (none)
Post log summary at:
http://www.3830scores.com/
Mail logs to: (none)
Find rules at:
http://www.ncccsprint.com/rules.html

AGB-Party Contest
16:00 - 17:00 UTC 18 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, SSB, Digital
Bands: 80, 40 m
Classes: Single Op All Band - CW, SSB or mixed; Single Op Single Band; Single Op Digital; Single Op QRP; Multi-Op; SWL
Exchange: AGB Member: RST, QSO no and member no; non-Member: RST and QSO no
Work stations: Once per mode per 15-minute period (see rules)
QSO Points: 1 point per QSO with same continent; 3 points per QSO with different continent; 5 points per QSO with AGB member
Multipliers: Each AGB member once; Each DXCC/WAE country once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 15 January 2021
E-mail logs to: eu1eu@mail.ru
Mail logs to: Igor "Harry" Getmann, EU1EU, PO Box 143, Minsk 220005, Belarus
Find rules at:
http://www.ev5agb.com/contest/agb_party.htm

Russian 160 Metre Contest
18:00 - 22:00 UTC 18 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW, SSB
Bands: 160 m Only
Classes: Single Op - CW or mixed - low or high; Multi-Op
Exchange: Rus: RS(T) and Oblast code; non-Rus: RS(T) and serial no
Work stations: Once per mode
QSO Points: (see rules)
Multipliers: Each DXCC entity once; Each Oblast once
Score Calculation: Total score = total QSO points x total mults

Submit logs by: 29 December 2020
E-mail logs to: (none)
Upload log at:
http://ua9qcq.com/contests/robot.php
Mail logs to: (none)
Find rules at:
http://www.topband.ru/rules_en.htm

Feld Hell Sprint
00:00 - 23:59 UTC 19 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: Feld Hell
Bands: 160, 80, 40, 20, 15, 10, 6 m
Classes: (none)
Max power: Standard: 100 watts; QRP: 5 watts
Exchange: (see rules)
Work stations: Once per band
QSO Points: (see rules)
Bonus Points: (see rules)
Multipliers: (see rules)
Score Calculation: (see rules)
Submit logs by: 23 December 2020
Upload log at:
https://sites.google.com/site/feldhellclub/
Mail logs to: (none)
Find rules at:
https://sites.google.com/site/feldhellclub/Home/contests/sprints/Happy-Birthday-Rudolph-Sprint

OK DX RTTY Contest
00:00 - 24:00 UTC 19 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: RTTY
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op All Band - low or high; Single Op Single Band; Multi-Op; SWL
Max operating hours: 24 hours
Max power: HP: >100 watts; LP: 100 watts
Exchange: RST and CQ Zone
QSO Points: 10 - 20 m: 1 point same continent, 2 points different continent; 40 - 80 m: 3 points same continent, 6 points different continent
Multipliers: DXCC Countries, once per band; OK stations, once per band
Score Calculation: Total score = total QSO points x (DXCC mults and OK mults)
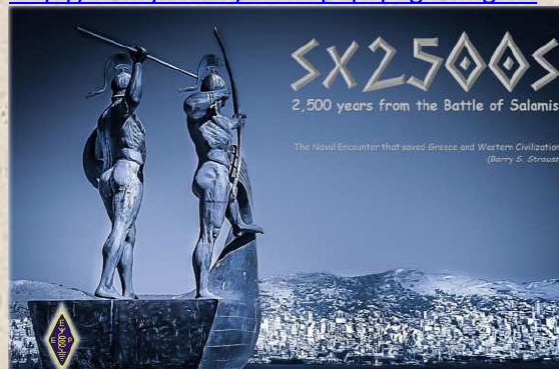Submit logs by: 26 December 2020

Upload log at:
http://okrtty.crk.cz/index.php?page=send-log
Mail logs to: (none)
Find rules at:
http://okrtty.crk.cz/index.php?page=english

RAC Winter Contest
00:00 - 23:59 UTC 19 December
Mode: CW, Phone
Bands: 160, 80, 40, 20, 15, 10, 6, 2 m
Classes: Single Op All Band - QRP, low or high; Single Op CW; Single Op Phone; Single Op Single Band; Single Op Overlay: Rookie; Multi-Single - low or high; Multi-Multi
Max operating hours: 24 hours
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: VE: RS(T) and province or territory; non-VE and VE0: RS(T) and serial no
QSO Points: VE/VE0: 10 points; non-VE/VE0: 2 points; RAC official stations: 20 points
Multipliers: VE provinces and territories (13), once per mode per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 31 January 2021
E-mail logs to: canadawinter@rac.ca
Mail logs to: Radio Amateurs of Canada, 720 Belfast Road, Suite 217, Ottawa, Ontario K1G 0Z5, Canada
Find rules at: https://www.rac.ca/rac-canada-winter-contest-2020/

Padang DX Contest
12:00 UTC 19 December to 11:59 UTC 20 December
Geographic Focus: Indonesia
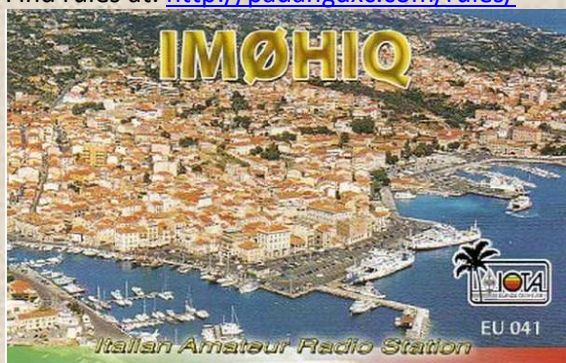Participation: Worldwide
Mode: SSB
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op - low or high; Multi-Op
Max power: HP: >150 watts; LP: 150 watts

Exchange: RS and serial no
QSO Points: 2 points per QSO with same country; 4 points per QSO with same continent; 6 points per QSO with different continent; 20 points per QSO with 7B5C
Multipliers: Each YB prefix once per band; Each country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 12:00 UTC 27 December 2020
E-mail logs to: padangdxc@gmail.com
Mail logs to: (none)
Find rules at: http://padangdxc.com/rules/

Croatian CW Contest
14:00 UTC 19 December to 14:00 UTC 20 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Op All Band - QRP, low or high; Single Op Single Band - low or high; Multi-Single
Max operating hours: 24 hours
Max power: HP: 100 or more watts; LP: <100 watts; QRP: 5 watts
Exchange: RST and serial no
QSO Points: Own continent: 2 points 40 - 160 m, 1 point 10 - 20 m; Other continents: 6 points 40 - 160 m, 3 points 10 - 20 m; 9A stations: 10 points 40 - 160 m, 6 points 10 - 20 m
Multipliers: DXCC/WAE Countries, once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 28 December 2020
Upload log at:
http://www.hamradio.hr/hfrobot
Mail logs to: (none)

Find rules at:
https://9acw.org/index.php/rules/english/129-rules-2019

ARRL Rookie CW Roundup
18:00 - 23:59 UTC 20 December
Geographic Focus: North America
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20, 15, 10 m
Classes: Single Op Rookie; Multi-Op Rookie; Non-Rookies
Max power: 100 watts
Exchange: NA: Name, 2-digit year first licensed and state, province, XE area or DX
Work stations: Once per band
QSO Points: 1 point per QSO with non-rookie; 2 points per QSO with rookie
Multipliers: Each US state and DC once; Each VE province once; Each XE call area once; One DX once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 23 December 2020
E-mail logs to: (none)
Post log summary at:
http://contests.arrl.org/arrlrrscoresubmission.php
Mail logs to: (none)
Find rules at: http://www.arrl.org/rookie-roundup

Run for the Bacon QRP Contest
23:00 UTC 20 December to 01:00 UTC 21 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 160, 80, 40, 20, 15, 10 m
Classes: Single Band; All Band
Max power: 5 watts
Exchange: RST, state, province or country and member no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent
Multipliers: Each state, province, or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults
Submit logs by: 27 December 2020
E-mail logs to: (none)
Upload log at:
http://qrpcontest.com/pigrun/autolog.php
Mail logs to: (none)
Find rules at: http://qrpcontest.com/pigrun/

K1USN Slow Speed Test
00:00 - 01:00 UTC 21 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40, 20 m
Classes: Single Op - QRP, low or high
Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts
Exchange: Maximum 20 wpm - Name and state, province or country
Work stations: Once per band
QSO Points: 10 points per QSO with same country; 20 points per QSO with different country, same continent; 30 points per QSO with different country, different continent
Multipliers: Each state/province/country once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 23:59 UTC 23 December 2020
Post log summary at:
http://www.3830scores.com
Mail logs to: (none)
Find rules at: http://www.k1usn.com/sst.html

OK1WC Memorial (MWC)
16:30 - 17:29 UTC 21 December
Geographic Focus: Worldwide
Participation: Worldwide
Mode: CW
Bands: 80, 40 m
Classes: Single Op All Band - QRP or low; Single Op Single Band - QRP or low
Max power: LP: 100 watts; QRP: 5 watts
Exchange: RST and serial no
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each last character of worked station call suffix once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 06:00 UTC 25 December 2020
E-mail logs to: (none)
Upload log at: https://memorial-ok1wc.cz/index.php?page=logs
Mail logs to: (none)
Find rules at: https://memorial-ok1wc.cz/index.php?page=rules2l

Next Week's Contests

Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 22 December
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 22 December
SKCC Sprint, 00:00 - 02:00 UTC 23 December
Phone Fray, 02:30 - 03:00 UTC 23 December
CWops Mini-CWT Test, 13:00 - 14:00 UTC and 19:00 - 2000 UTC 23 December and 03:00 - 04:00 UTC 24 December
RTTYOPS Week Sprint, 17:00 - 19:00 UTC 24 December
NCCC RTTY Sprint, 01:45 - 02:15 UTC 25 December
NCCC Sprint, 02:30 - 03:00 UTC 25 December
Gedebage CW Contest, 00:00 - 23:59 UTC 26 December
DARC Christmas Contest, 08:30 - 10:59 UTC 26 December
Stew Perry Topband Challenge, 1500 UTC 26 December to 1500 UTC 27 December
RTTYOPS Weekend Sprint, 16:00 - 19:59 UTC 26 December
RAEM Contest, 00:00 - 11:59 UTC 27 December

K1USN Slow Speed Test, 00:00 - 01:00 UTC 28 December

QCX Challenge, 13:00 - 14:00 UTC and 19:00 - 2000 UTC 28 December and 03:00 - 04:00 UTC 29 December

OK1WC Memorial, 16:30 - 17:29 UTC 28 December

Worldwide Sideband Activity Contest, 01:00 - 01:59 UTC 29 December

RTTYOPS Week Sprint, 17:00 - 19:00 UTC 29 December

Items used with acknowledgement to the ARRL Letter, the ARRL DX News, the ARRL Contest Update, OPDX Bulletin, 425 DX Bulletin, DXNL Newsletter, WIA-News, the RSGB News, DxCoffee, Southgate ARC News, DX World and the Amateur Radio Newsletter